Masahiko Itoh

List of Publications by Year
in descending order

18 papers	5,290 citations	687220 13 h-index	887953 17 g-index
19 all docs	19 docs citations	19 times ranked	5120 citing authors

#	Article	IF	Citations
1	The zonula occludens protein family regulates the hepatic barrier system in the murine liver. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 165994.	1.8	12
2	Selective expression of claudin-5 in thymic endothelial cells regulates the bloodâ€“thymus barrier and T-cell export. International Immunology, 2021, 33, 171-182.	1.8	13
3	Effects of the differential expression of <scp>ZO</scp>â€1 and <scp>ZO</scp>â€2 on podocyte structure and function. Genes To Cells, 2018, 23, 546-556.	0.5	20
4	Human Rho Guanine Nucleotide Exchange Factor 11 (ARHGEF11) Regulates Dendritic Morphogenesis. International Journal of Molecular Sciences, 2017, 18, 67.	1.8	18
5	The exon 38-containing ARHGEF11 splice isoform is differentially expressed and is required for migration and growth in invasive breast cancer cells. Oncotarget, 2017, 8, 92157-92170.	0.8	15
6	The Structural and Functional Organization of the Podocyte Filtration Slits Is Regulated by Tjp1/ZO-1. PLoS ONE, 2014, 9, e106621.	1.1	49
7	ARHGEF11, a regulator of junction-associated actomyosin in epithelial cells. Tissue Barriers, 2013, 1, e24221.	1.6	7
8	Rho GTP exchange factor ARHGEF11 regulates the integrity of epithelial junctions by connecting ZO-1 and RhoA-Myosin II signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9905-9910.	3.3	74
9	Deficiency of Zonula Occludens-1 Causes Embryonic Lethal Phenotype Associated with Defected Yolk Sac Angiogenesis and Apoptosis of Embryonic Cells. Molecular Biology of the Cell, 2008, 19, 2465-2475.	0.9	244
10	Rap1 Integrates Tissue Polarity, Lumen Formation, and Tumorigenic Potential in Human Breast Epithelial Cells. Cancer Research, 2007, 67, 4759-4766.	0.4	89
11	The Organization of Tight Junctions in Epithelia: Implications for Mammary Gland Biology and Breast Tumorigenesis. Journal of Mammary Gland Biology and Neoplasia, 2003, 8, 449-462.	1.0	133
12	Multifunctional strands in tight junctions. Nature Reviews Molecular Cell Biology, 2001, 2, 285-293.	16.1	2,198
13	Junctional adhesion molecule (JAM) binds to PAR-3. Journal of Cell Biology, 2001, 154, 491-498.	2.3	346
14	Functional Domains of Î±-Catenin Required for the Strong State of Cadherin-based Cell Adhesion. Journal of Cell Biology, 1999, 144, 1311-1322.	2.3	246
15	Direct Binding of Three Tight Junction-Associated Maguks, Zo-1, Zo-2, and Zo-3, with the Cooh Termini of Claudins. Journal of Cell Biology, 1999, 147, 1351-1363.	2.3	993
16	Differential behavior of E-cadherin and occludin in their colocalization with ZO-1 during the establishment of epithelial cell polarity. , 1999, 179, 115-125.		151
17	Involvement of ZO-1 in Cadherin-based Cell Adhesion through Its Direct Binding to Î± Catenin and Actin Filaments. Journal of Cell Biology, 1997, 138, 181-192.	2.3	627
18	Molecular Dissection of Tight Junctions.. Cell Structure and Function, 1996, 21, 381-385.	0.5	55